# KENTUCKY EARLY MATHEMATICS TESTING PROGRAM 2001 ANNUAL REPORT

**P-16 Council**
**Agenda Item F-3**
**September 21, 2001**

## Information

The Kentucky Early Mathematics Testing Program, administered by Northern Kentucky University and the University of Kentucky, has completed its first semester. The program assesses the degree to which high school sophomores and juniors are prepared for college-level mathematics. All Kentucky high school sophomores and juniors are encouraged to take this on-line test so they can improve their knowledge while still in high school and avoid placement in remedial mathematics courses in college.

This spring, 3,010 students from 29 high schools in 18 counties took the test on-line through a Web site created at the University of Kentucky. The statewide average score was 12.4 out of a possible 30. Both students and their teachers receive test results. Students received an immediate on-line letter reporting their test score, an estimate of their mathematical preparation for college based on their score, advice about the importance of taking additional mathematics while still in high school, and a breakdown of each question by mathematical topic and whether it was answered correctly. Teachers can analyze their students' scores and use them to improve student performance.

The test will be offered each fall and spring, and the program directors anticipate testing between 20,000 and 40,000 students per year as the program becomes widely known and as the registration process improves. This year, NKU and UK will improve the advisory component of the Web site by including information on mathematics placement criteria at participating Kentucky colleges and universities, both for general admissions and for specific programs (such as those in business and engineering). Program directors also are working with the Kentucky Virtual University to provide an on-line 24-hour-a-day tutoring service for students.

Professors Steve Newman and Dan Curtin, the Kentucky Early Mathematics Testing Program co-directors, will demonstrate the on-line test.

Staff Preparation by Dianne M. Bazell